[582]

the Sines of the Radical Parts, and multiply those parts by 3, the results are also roots of the cubick Æquation first. proposed.

EXAMPLE.
aaa 21a 20 0
The cube Roots of the Binomials are $+2\frac{1}{2}+V-\frac{3}{4}$
Their fumm is the Root fought $= +5$
And the other two Roots are $\frac{2\frac{1}{2}+V_2\frac{1}{4}}{-V_2\frac{1}{4}}$
Also in this Æquation $\stackrel{?}{a}$ 60a220 The Binomial Roots are $\stackrel{?}{t_4}$ V-4
Hence the Root fought is +8 And the other two roots are4+V+12 4V+12.

ADVERTISEMENT.

These papers were sent by Mr. Cellins to Dr. Wallis in a Letter of 3 Octob. 1682, (with this Character, I have sent you herewith my thoughts about some defects in Algebra:) and are a Copy of what he had written to some other (but I know not whom) to whom he speaks all along in the second person, whereas of others he speaks in the third person. And he did intend (had he lived longer) to perfect it surther; by omitting some things which (though here he notes as defects) he sound after to be done already, and supplying some others. But he lived not to perfect it, and therefore (that it be not lost) we here give it as we found it.

OXFORD,

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